

[What is claimed is]

1. A high dispersible hydrophobic fine silica powder,

wherein hydrophobicity is more than 50 %, triboelectrostatic charge to an iron powder is more than $-500 \mu C/g$, and decomposition rate of an organic group on the powder surface is less than 15 %.

2. The high dispersible hydrophobic fine silica powder according to Claim 1,

wherein transmittance of a 5 % alcoholic dispersion liquid is more than 40 %.

3. The high dispersible hydrophobic fine silica powder according to Claim 1 or Claim 2,

wherein said fine silica powder is synthesized by a vapor phase method, and has a specific surface area of more than $200 m^2 / g$ by the BET method and an amount of residual hydrochloride of less than 100 ppm.

4. A production method of the high dispersible hydrophobic fine silica powder according to from Claim 1 to Claim 3,

wherein a hydrophobic agent comprising a volatile organic silicon compound is mixed in the gas state with a fine silica powder in a fluidized bed type reaction vessel at the time of a hydrophobic treatment, and a gas flow rate at the time of this mixing is more than 5.0 cm/sec.

5. A production method of the high dispersible hydrophobic fine silica powder according to from Claim 1 to Claim 3,

wherein the gas flow rate in the fluidized bed type reaction vessel is more than 3.0 cm/sec at the time of the hydrophobic treatment.